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Public Information Notice, Comments Requested
National Weather Service Headquarters Washington DC
715 AM EDT Fri Mar 29 2013

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From: Eli Jacks
Chief, Fire and Public Weather Services Branch

Subject: Soliciting Comments until May 31, 2013, on the Experimental Cold Advisory for Newborn Livestock Grids in the National Digital Forecast Database for the Conterminous United States, Effective March 29,2013

A Web-based Cold Advisory for Newborn Livestock (CANL) product recently became operational for eight locations from individual NWS Weather Forecast Offices (WFO):

http://www.nws.noaa.gov/os/notification/scn13-13canl-oper.htm

Prior to deciding whether or not to implement this capability in the National Digital Forecast Database (NDFD), for the Conterminous U.S. (CONUS) only, the NWS is soliciting comments until May 31, 2013:

http://www.nws.noaa.gov/survey/nws-survey.php?code=GGW-CANL

The CANL product is a graphical depiction of the potential for weather related impacts to newborn livestock and is provided to help users reduce newborn livestock losses due to hazardous weather. More detailed information on what the CANL is and how it can be used is available online:

http://www.wrh.noaa.gov/ggw/canl/FactSheet.pdf

As an experimental grid in NDFD, forecasts for any CONUS location are now available. The experimental CANL forecast grids produced for Days 1-3 are online under "graphics" from the Experimental NDFD Web map viewer under the "Severe Weather" drop-down menu:

http://preview.weather.gov/graphical/

--GRIdded Binary version 2 (GRIB2) files via Hypertext Transfer Protocol (HTTP):

http://weather.noaa.gov/pub/SL.us008001/ST.expr/DF.gr2/DC.ndfd
/AR.conus/VP.001/ds.canl.bin

http://weather.noaa.gov/pub/SL.us008001/ST.expr/DF.gr2/DC.ndfd
/AR.conus/VP.002/ds.canl.bin

http://weather.noaa.gov/pub/SL.us008001/ST.expr/DF.gr2/DC.ndfd
/AR.conus/VP.003/ds.canl.bin

--File Transfer Protocol (FTP):

ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR
.conus/VP.001/ds.canl.bin

ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR
.conus/VP.002/ds.canl.bin

ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR
.conus/VP.003/ds.canl.bin

Graphical forecasts displaying the elements that contribute to
the CANL risk factors are also available individually from the
experimental NDFD map viewer drop-down menu:

  --Apparent Temperature (degree F) - i.e. Wind Chill Values
  --Precip Amount (in)
  --Sky Cover (%)
  --Relative Humidity (%)

Please note this is different from the 4-panel display on the
operational WFO CANL websites.

More detail regarding the NDFD experimental CANL grids is
available in a Product Description Document (PDD) online at:

  http://products.weather.gov

General information on accessing and using NDFD elements is
online at:

  http://www.nws.noaa.gov/ndfd/index.htm

The CANL NDFD element will remain experimental until NWS assesses
feedback and completes a technical analysis. NWS will then
determine whether to move the CANL element to operational status,
discontinue it, or revise it and retain as experimental for
another season.

If CANL becomes operational as an element in NDFD for CONUS, NWS
will discontinue the Web-based CANL from the eight individual
WFOs.

For technical questions regarding CANL product, please contact:

  Tanja Fransen
  Warning Coordination Meteorologist
  Tanja.Fransen@noaa.gov
      -OR-
  Bill Martin
  Science and Operations Officer
  Bill.Martin@noaa.gov

National Weather Service
Glasgow, Montana
406-228-2850

For technical questions regarding NDFD data, please contact:

David Ruth
Chief, Mesoscale Prediction Branch
National Weather Service
Office of Science and Technology
Silver Spring, Maryland
David.Ruth@noaa.gov

For questions regarding this notice, please contact:

Jannie G. Ferrell
National Weather Service
Office of Climate, Water and Weather Services
Silver Spring, Maryland
Jannie.G.Ferrell@noaa.gov

National Public Information Notices are online at:

http://www.weather.gov/os/notif.htm

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